

Title (en)

METHOD AND SYSTEM FOR OPERATING A POWER SUPPLY OF A COMMUNICATIONS DEVICE

Title (de)

VERFAHREN UND SYSTEM ZUM BETREIBEN EINER STROMVERSORGUNG EINER KOMMUNIKATIONSVORRICHTUNG

Title (fr)

PROCÉDÉ ET SYSTÈME POUR FAIRE FONCTIONNER UNE ALIMENTATION D'UN DISPOSITIF DE COMMUNICATION

Publication

**EP 3076648 A1 20161005 (EN)**

Application

**EP 16163521 A 20160401**

Priority

US 201562141589 P 20150401

Abstract (en)

A method for operating a power supply circuit of a communications device involves operating the power supply circuit in a first operating mode in which a switching frequency of the power supply circuit is higher than an operating frequency band of the communications device and switching the power supply circuit to operate in a second operating mode in response to connecting the power supply circuit to a battery by decreasing the switching frequency of the power supply circuit.

IPC 8 full level

**H04L 12/10** (2006.01); **H04M 11/06** (2006.01)

CPC (source: EP US)

**H04L 12/10** (2013.01 - EP US); **H04M 11/062** (2013.01 - EP US); **H04M 19/08** (2013.01 - US)

Citation (search report)

- [Y] US 2007285069 A1 20071213 - SCHOPFER WALTER S [US], et al
- [Y] US 2009015215 A1 20090115 - AJRAM SAMI [US], et al
- [A] US 5815569 A 19980929 - AKHTERUZZAMAN [US]
- [A] GB 2298093 A 19960821 - NORTHERN TELECOM LTD [CA]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3076648 A1 20161005**; **EP 3076648 B1 20190612**; US 2016295029 A1 20161006; US 9912822 B2 20180306

DOCDB simple family (application)

**EP 16163521 A 20160401**; US 201615087985 A 20160331